

Natural Resources Conservation Service

Application Ranking Summary

Achieving Agricultural Water Security in Connecticut

Program:	Ranking Date:	Application Number:
Ranking Tool: Achieving Agricultural Water Security in Connecticut		Applicant:
Final Ranking Score:		Address:
Planner:		Telephone:
Farm Location:		

National Priorities Addressed

Issue Questions	Responses
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)	
2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	Yes <input type="radio"/> or No <input type="radio"/>
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?	Yes <input type="radio"/> or No <input type="radio"/>
2. e. Implementing practices that improve water quality through animal mortality and carcass management?	Yes <input type="radio"/> or No <input type="radio"/>
Water Conservation – Will the proposed project conserve water by: (select all that apply)	
3. a. Implementing irrigation practices that reduce aquifer overdraft.	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Implementing irrigation practices that reduce on-farm water use?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	Yes <input type="radio"/> or No <input type="radio"/>
Air Quality - Will the proposed project improve air quality by: (select all that apply)	
4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	Yes <input type="radio"/> or No <input type="radio"/>
4. d. Implementing practices that increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health:– Will the proposed project improve soil health by: (select all that apply)	
5. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?	Yes <input type="radio"/> or No <input type="radio"/>
Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)	
6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	Yes <input type="radio"/> or No <input type="radio"/>

6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?	Yes <input type="radio"/> or No <input type="radio"/>
6. c. Implementing practices benefitting honey bee populations or other pollinators?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Implementing land-based practices that improve habitat for aquatic wildlife?	Yes <input type="radio"/> or No <input type="radio"/>
Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)	
7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)	
8. a. Reducing on-farm energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines – Will the practices to be scheduled in the “EQIP Plan of Operations” result in:	
9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	Yes <input type="radio"/> or No <input type="radio"/>

State Issues Addressed

Issue Questions	Responses
Water Conservation-General (20 pts total)	
1. Does this project involve the development of 449, Irrigation Water Management Plan (IWM), or a similar plan meeting CAP 118, IWM criteria, which includes resource condition and use assessment?	Yes <input type="radio"/> or No <input type="radio"/>
2. Does the project involve conservation of surface and/or groundwater through implementation of practices from an Irrigation Water Management Plan?	Yes <input type="radio"/> or No <input type="radio"/>
3. Does this project involve irrigation system improvement or irrigation efficiency enhancement by implementing practices 441, Irrigation System - Microirrigation; 442, Sprinkler System; 443, Irrigation System - Surface and Subsurface; or 436, Irrigation Reservoir?	Yes <input type="radio"/> or No <input type="radio"/>
Water Conservation - Reduction SELECT ONLY 1 ANSWER (30 pts total)	
1. Up to 10% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
2. 10-25% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
3. 25 - 40% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
4. 40-60% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
5. 60 - 80% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
6. More than 80% of current annual usage is expected to be conserved (through the IWM) as a result of this project's implementation	Yes <input type="radio"/> or No <input type="radio"/>
Water Quality (20 pts total)	
1. Does the project include practices like 441, Irrigation System - Microirrigation or 443, Irrigation System - Surface and Subsurface which are designed to reduce the amount of nitrogen lost through runoff?	Yes <input type="radio"/> or No <input type="radio"/>
2. Does the project include practices like 441, Irrigation System - Microirrigation or 443, Irrigation System - Surface and Subsurface which are designed to reduce the amount of phosphorous lost through runoff?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health (30 pts total)	
1. Does the project include practices that will result in improved retention of soil moisture? (This is documented by a positive Soil Conditioning Index (SCI) score)	Yes <input type="radio"/> or No <input type="radio"/>
2. Does the project include practices that will result in reduction of soil erosion either to T, or below T	Yes <input type="radio"/> or No <input type="radio"/>

according to RUSLE II?	
3. Does the project include converting production type to less water-intensive crops or use of agronomic practices such as 328 Conservation Crop Rotation, 329 Residue Management, No Till or 345, Residue Management, Reduced Tillage to reduce total annual water usage?	Yes <input type="radio"/> or No <input type="radio"/>
Drought Preparedness (30 pts total)	
1. Does your operation have a Drought Management Plan which will be implemented using practices in this application?	Yes <input type="radio"/> or No <input type="radio"/>

Local Issues Addressed

Issue Questions	Responses
Location (10 pts total)	
1. Is the project located in a Public Water Supply Watershed or designated Aquifer Protection Area and will the practices in the application assist in the reduction of water use in the agricultural operation?	Yes <input type="radio"/> or No <input type="radio"/>
Stream Flows (10 pts total)	
1. Are there streams within 1 mile from the fields in this application which have historic low flows that are expected to benefit directly from the practices in this application?	Yes <input type="radio"/> or No <input type="radio"/>
Monitoring and Evaluation (20 pts total)	
1. Does the project include 587, Structure for Water control, to provide water meters or other measuring devices so that conservation activities can be tracked and recorded over time?	Yes <input type="radio"/> or No <input type="radio"/>
Degree of Cooperation by Producer (30 pts total)	
1. Have other Federal, State, local, or non governmental organization financial resources been committed to this project?	Yes <input type="radio"/> or No <input type="radio"/>
2. If the applicant has an existing EQIP contract, has it been, and is it now, on schedule and in full compliance?	Yes <input type="radio"/> or No <input type="radio"/>
3. Did the applicant successfully complete any past contract(s) in full compliance?	Yes <input type="radio"/> or No <input type="radio"/>
4. Is this the applicant's first EQIP application?	Yes <input type="radio"/> or No <input type="radio"/>
5. Does the applicant have any contracts that are currently in violation (with a CPA-153) or have any contracts that were terminated for failure to comply with contract terms and provisions within the last 3 years?	Yes <input type="radio"/> or No <input type="radio"/>

Land Use:

Resource Concerns	Practices
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Ranking Score

Efficiency: Local Issues: State Issues: National Issues: Final Ranking Score:
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This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

NRCS Representative: Signature Date:	Applicant Signature Not Required on this report for Contract Development unless required by State policy: Signature Date:
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